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TITLE: Induction sintering process, for a charge of
pressed powder parts,
comprises arranging individual charge batches in stacked
supports having gas
and vapor extraction openings

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ABSTRACT:

CHG DATE=20010601 STATUS=O>A powder pressing charge
induction sintering
process, comprising arranging individual charge batches
(P1-5) in stacked
supports (17) having gas and vapor extraction openings, is
new. A charge of
pressed powder parts is induction sintered at
sub-atmospheric pressure, in a
vacuum chamber (2) surrounded by an induction coil (8), by
subdividing the

charge into individual batches (P1-5) arranged in stacked
charge supports (17)
at several levels in the working region of the induction
coil, the released
gases and vapors being withdrawn through extraction
openings in the supports
for collection in a condenser. An Independent claim is
also included for an
apparatus for carrying out the above process.